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FOREIGN REPORTS.

CHINA.

Amoy—Plague.

Acting Asst. Surg. Bonthius reported April 19: Plague is increasing in Amoy. In the international settlement of Kulangsu cases of plague are present and one death from the disease was notified during the week ended April 12, 1913.

On May 26 Dr. Bonthius reported by telegraph that plague was epidemic at Amoy.

Hongkong—Plague—Plague-Infected Rats.

Surg. Brown reports: During the week ended April 7 there were notified at Hongkong 8 cases of plague with 7 deaths.

During the same week 2,158 rats were examined for plague infection. Two plague-infected rats were found.

The American consul general at Hongkong reported May 26 the occurrence of 24 cases of plague.

CUBA.

Habana—Transmissible Diseases.

MAY 1-10, 1913.

Diseases.	New cases.	Deaths.	Remain- ing under treat- ment.	Diseases.	New cases.	Deaths.	Remain- ing under treat- ment.
Leprosy.....	1	1	244	Measles.....	82	3	65
Typhoid fever.....	15	4	33	Varicella.....	35	.....	10
Diphtheria.....	20	1	19	Paratyphoid fever..	2	1	12
Scarlet fever.....	41	1	48				

GERMAN EAST AFRICA.

Muanza—Plague-Infected Rats.

Plague-infected rats were reported found in Ostusmao, district of Muanza, about March 15, 1913.

FRANCE.

Havre—Typhoid Fever Outbreak Spread by Milk.

By JOHN BALL OSBORNE, American consul at Havre.

An epidemic of typhoid fever, which the local health authorities have traced unmistakably to contamination of the milk supply, is now prevailing in Havre (population 136,159). The progress of this

disease since the beginning of the year is shown in the following statistics:

	Cases notified.	Deaths registered.
January.....	3	.....
February.....	13	1
March.....	14	2
April.....	29	4
May (1 to 9).....	15	1

During the week ended May 3, 1913, there were 24 new cases and 2 deaths reported from this cause. At this writing (May 10, 1913) there are about 50 cases remaining under treatment. In the year 1912 there were 33 deaths out of 204 cases declared.

This epidemic, while as yet by no means extensive, and not especially virulent, furnishes convincing and impressive proof of the danger of contaminated milk as an active agency in the spread of typhoid fever. Of the 29 cases declared in the month of April, no less than 13, or 45 per cent, have been traced clearly to milk supplied by one dairyman, on whose premises there was a single case of typhoid in the working force.

The milk from this farm was held in high repute, being delivered in sealed bottles and guaranteed for purity. The daily output of the farm is about 600 quarts, delivered mostly in the city of Havre, particularly among the pharmacies, where pure milk is in demand. The consequence is that most of the victims belong to families in comfortable circumstances of life. By reason of the wide distribution of the polluted milk, there are now numerous centers of infection. Among the victims are included several persons engaged in the retail trade in food commodities, which fact naturally causes uneasiness among the customers. There are four families in each of which there are three cases and two families with two cases each.

Although the dairy farm that has caused the trouble is located outside the city of Havre, the bureau of hygiene, with the authority of the sous-prefet, took possession of it as soon as it learned the situation. A health inspector who is a chemist was placed in charge, and proper measures were taken to correct the defective conditions. It is believed that this energetic action has arrested the extension of the epidemic. Recently the health authorities caused a notice to be inserted in all the newspapers of the city urging the inhabitants to boil the milk of every origin.

At no time has the water supply of Havre been suspected by the health authorities as the cause of the present epidemic, since repeated analysis has demonstrated its freedom from typhoid bacilli. The practice, however, of fertilizing garden truck farms in the vicinity

of Havre with the contents of the cesspools of the city has given more uneasiness than the water supply. A modern sewerage system was begun here a few years ago, but entire blocks in the central portion of the city remain unconnected. Each year the premises on certain designated streets are required to be connected with the system. During April, 1913, 50 premises were thus connected. A few years hence the entire city will have a satisfactory system.

Within the last three months antityphoid vaccine has been used for the first time in Havre. A physician of the bureau of hygiene has inoculated 78 persons, of whom 28 were connected with the dairy farm above referred to. So far only men have received the treatment and no case of typhoid fever has developed among them.

GREECE.

Patras—Smallpox Epidemic.

Smallpox was reported to be epidemic at Patras April 28, the number of cases present in the city being estimated at about 100.

JAPAN.

Recurrent Fever.

Recurrent fever was reported present in Tokyo and Yokohama April 29, 1913. At Tokyo the disease appeared April 19 and to April 29 a total of 13 cases had been notified. At Yokohama two cases have been reported.

JAVA.

Plague.

Consul Rairden at Batavia reports: During the month of March, 1913, plague was reported in east Java as follows:

Districts.	Cases.	Deaths.
Kediri.....	123	114
Madioen.....	41	38
Malang.....	363	353
Surabaya.....	15	15

MEXICO.

Vera Cruz—Smallpox.

During the week ended April 13 there were notified at Vera Cruz 25 new cases of smallpox with 4 deaths.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.**Reports Received During Week Ended May 30, 1913.****CHOLERA.**

Places.	Date.	Cases.	Deaths.	Remarks.
Dutch East Indies:				
Java—				
Batavia.....	Mar. 16-29.....	28	19	And Tanjong Priok, the harbor.
Madjoen.....	Jan. 31-Feb. 22....	15	10	
Samarang.....	Feb. 21-27.....	3	4	
India:				
Bassein.....	Mar. 31-Apr. 5....	10	9	
Bombay.....	Apr. 13-19.....	2	2	
Straits Settlements:				
Singapore.....	Apr. 6-12.....	1	.....	

PLAGUE.

Arabia:				
Aden.....	Apr. 29-May 6.....	10	6	
Argentina:				
Herrera ¹	Feb. 22.....	9	6	Southeastern part of Entre Rios.
British East Africa.....	Feb. 27-Mar. 31....	.....	9	
Khambu.....	do.....	1	.....	
Kisumu.....	do.....	2	.....	
Nairobi.....	do.....	9	.....	
China:				
Amoy.....	Apr. 6-12.....	.....	1	May 26 epidemic.
Kulangsü.....	do.....	.....	.....	Increasing.
Hongkong.....	Apr. 13-19.....	3	3	May 26: Cases, 24.
Dutch East Indies:				
Java.....				Mar. 1-31: Cases, 542; deaths, 520.
Districts—				
Kediri.....	Mar. 1-31.....	123	114	
Madison.....	do.....	41	38	
Malang.....	do.....	363	353	
Surabaya.....	do.....	15	15	
India:				
Bombay.....	Apr. 13-19.....	268	240	
Provinces—				
Delhi.....	Mar. 2-Apr. 5.....	106	79	Total, Mar. 2-Apr. 5: Cases, 60,087; deaths, 51,474.
Bombay.....	do.....	2,373	1,777	
Madras.....	do.....	525	439	
Bengal.....	do.....	302	284	
Bihar and Orissa.....	do.....	10,706	9,069	
United Provinces.....	do.....	38,763	33,935	
Punjab.....	do.....	4,756	3,790	
Burma.....	do.....	787	707	
Central Provinces.....	do.....	340	247	
Mysore.....	do.....	396	307	
Hyderabad.....	do.....	213	174	
Central India.....	do.....	40	31	
Rajputana.....	do.....	725	604	
Kashmir.....	do.....	55	31	
Indo-China:				
Saigon.....	Mar. 25-Apr. 7....	10	6	
Mauritius.....	Feb. 7-20.....	24	11	

SMALLPOX.

Austria-Hungary:				
Galicia.....	Apr. 20-26.....	2	.....	
Canada:				
Quebec—				
Grosse Isle Quarantine.....				May 15, 1 case on S. S. Canada from Trieste, via Patras, Naples, and Lisbon.
Sault de St. Marie.....	May 4-10.....	1	.....	
St. Johns.....	do.....	1	.....	
Toronto.....	May 11-17.....	2	.....	
Vancouver.....	Apr. 19-25.....	1	.....	
Victoria.....	May 4-10.....	2	.....	
China:				
Amoy.....	Apr. 6-12.....	.....	1	
Hongkong.....	Apr. 13-19.....	3	2	
Shanghai.....	Apr. 14-27.....	1	12	Deaths among natives.
Tientsin.....	Apr. 13-19.....	.....	2	

¹ From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Apr. 23, 1913.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.**Reports Received During Week Ended May 30, 1913—Continued.****SMALLPOX—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
France:				
Paris.....	Apr. 20-May 3....	6	.....	
Germany.....	Apr. 27-May 3....	7	.....	
Great Britain:				
London.....	Apr. 27-May 3....	1	.....	
Greece:				
Piræus.....	Jan. 1-Mar. 13....	119	49	Including previous report.
India:				
Bombay.....	Apr. 13-19.....	31	15	
Madras.....	do.....	4	1	
Moulmīne.....	Feb. 23-Mar. 1....	1	.....	
Japan:				
Nagasaki.....	Apr. 21-27.....	.....	1	
Mexico:				
Aguascalientes.....	May 5-11.....	.....	5	
Cananea.....	May 22.....	.....	.....	Many fatal cases.
Guadalajara.....	Apr. 26-May 3....	3	.....	
Hermosillo.....	May 4-10.....	7	.....	
Nogales.....	May 23.....	3	.....	
Salina Cruz.....	Apr. 20-May 3....	2	1	
Newfoundland:				
St. Johns.....	May 4-17.....	6	.....	
Spain:				
Barcelona.....	May 4-10.....	.....	7	
Madrid.....	Apr. 1-30.....	.....	23	
Valencia.....	Apr. 27-May 10....	9	.....	
Sweden:				
Stockholm.....	Apr. 13-26.....	27	.....	
Switzerland:				
Cantons—				
Luzerne.....	Apr. 13-19.....	1	.....	
St. Gaul.....	Apr. 16-22.....	.....	1	
Turkey in Asia:				
Adana.....	Apr. 26.....	.....	.....	Present.
Beirut.....	Apr. 13-26.....	5	.....	
Mersina.....	Apr. 20-May 3....	15	24	
Tarsus.....	Apr. 20-26.....	.....	.....	Do.
Turkey in Europe:				
Constantinople.....	Apr. 26-May 3....	.....	14	
Saloniki.....	Apr. 21-May 4....	4	7	

Reports Received from Dec. 27, 1912, to May 23, 1913.**CHOLERA.**

Bulgaria:				
Eski Saghara.....	Dec. 9.....	2	.....	
Sofia.....	Nov. 21-Dec. 16...	6	1	
Shumla.....	Dec. 30.....	18	.....	
China:				
Foochow.....	Nov. 20-Dec. 2....	.....	.....	Isolated cases.
Hongkong.....	Mar. 23-29.....	5	5	Among Chinese.
Shanghai.....	.....	.....	.....	Total 1912: Cases, 10, in the foreign settlement.
Dutch East Indies:				
Borneo—				
Bandermasin.....	Nov. 22-30.....	5	5	
Pontrank.....	Oct. 6.....	1	.....	
Samarinda.....	Oct. 9-Nov. 2....	26	25	
Singkawang.....	Oct. 8-Nov. 1....	2	2	
Celebes—				
Batangmata.....	Mar. 8-14.....	.....	.....	Present.
Java—				
Batavia.....	Nov. 9-Dec. 31....	40	28	
Do.....	Jan. 19-Mar. 15....	117	92	Mar. 31-Apr. 5, 11 fatal cases.
Madioen.....	Sept. 15-Nov. 9....	192	105	
Megalang.....	Oct. 7-12.....	9	6	
Paseroean Residency.....	Sept. 20-26.....	2	1	
Samarang.....	July 19-Dec. 26....	591	485	
Do.....	Dec. 27-Jan. 30....	7	7	
Surabaya.....	Oct. 16-Nov. 28....	4	3	
Sumatra—				
Air Tiris.....	Dec. 3-22.....	11	11	
Benkoelen.....	Nov. 3-30.....	3	1	
Koeoh.....	Dec. 3-15.....	4	9	
Jambi.....	Sept. 18-24.....	1	.....	
Roembo.....	Dec. 3-15.....	2	2	
Telokbetong.....	Nov. 1-Dec. 31....	181	20	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 27, 1912, to May 23, 1913—Continued.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bassein.....	Jan. 25-Mar. 29....	112	99	
Bombay.....	Nov. 17-Apr. 5.....	218	154	
Calcutta.....	Nov. 9-Mar. 8.....	.....	573	
Cochin.....	Oct. 10-Nov. 9.....	6	6	
Do.....	Feb. 17-23.....	5	5	
Madras.....	Nov. 24-Apr. 5.....	38	37	
Moulmine.....	Feb. 23-Mar. 29.....	5	5	
Negapatam.....	Nov. 11-Mar. 8.....	34	34	
Rangoon.....	Nov. 1-Dec. 28.....	3	3	
Do.....	Dec. 29-Mar. 1.....	30	28	
Indo-China: Saigon	Aug. 20-Oct. 27....	42	38	
Japan.....				Total year 1912: Cases, 2,722; deaths, 1,678, exclusive of Taiwan. Epidemic, Aug. 1, 1912-Mar. 3, 1913: Cases, 2,634; deaths, 1,696, including cases p. 2233, Vol. XXVII, and p. 859, Vol. XXVIII.
Prefectures—				
Akita.....	Dec. 2.....	1	1	
Chiba.....	Nov. 21-Mar. 3.....	116	83	
Ehime.....	Sept. 21-Dec. 2.....	52	21	
Fukuoka.....	Aug. 1-Dec. 2.....	816	531	
Fukushima.....	Dec. 5.....	1	.....	
Higo.....	Sept. 27-Nov. 24.....	137	100	
Hiroshima.....	Sept. 21-Nov. 23.....	49	32	
Ibariki.....	Dec. 6.....	2	2	
Iwate.....	Dec. 16.....	2	1	
Kagawa.....	Oct. 12-Nov. 21.....	15	10	
Kagoshima.....	Sept. 21-Oct. 18.....	11	5	
Kanagawa.....	Sept. 25-Feb. 4.....	122	94	Including Yokohama.
Yokohama.....	Sept. 29-Jan. 9.....	39	.....	Sept. 25-Dec. 7: 9 cases from vessels.
Kochi.....	Oct. 19-Dec. 4.....	25	14	
Kioto.....	Sept. 21-Nov. 1.....	5	5	
Kumamoto.....	do.....	15	9	
Minami Tokaki gun.	Sept. 15-Dec. 2.....	.....	.....	40 cases not included in total.
Nagasaki.....	do.....	188	112	Including Nagasaki city, and with outlying islands, 134 deaths.
Oita.....	Sept. 21-Dec. 5.....	38	21	
Okayama.....	Sept. 21-Nov. 22.....	67	39	
Osaka.....	Sept. 21-Mar. 3.....	165	108	
Saga.....	Sept. 21-Dec. 3.....	109	76	
Saitama.....	Oct. 12-18.....	3	2	
Shidzuoka.....	Oct. 19-Mar. 3.....	90	33	
Shimane.....	To Mar. 3.....	2	.....	
Taiwan (Formosa).....				Total year 1912: Cases, 333; deaths, 256.
Tokyo.....	Sept. 23-Feb. 4.....	314	217	
Tokushima.....	Sept. 15-Dec. 1.....	8	5	
Wakamatsu.....	Nov. 26.....	.....	.....	1 case not included in total.
Wakayama.....	Oct. 19-Nov. 16.....	13	12	
Yamaguchi.....	Sept. 21-Nov. 26.....	267	162	
Yamanichi.....	Feb. 3.....	1	1	
Russia:				
Odessa.....	Jan. 8-21.....	5	2	Nov. 18-20: 1 case from s. s. Bosnian from Constantinople. Confined in the quarantine barracks.
Servia:				
Pirot.....	Apr. 10.....	5	.....	Among returning soldiers and prisoners.
Siam:				
Bangkok.....	Oct. 13-Mar. 22.....	.....	8	
Straits Settlements:				
Singapore.....	Nov. 17-23.....	2	2	
Do.....	Jan. 27-Apr. 5.....	5	2	
Turkey in Asia.....				Total, Nov. 17-23: Cases, 160; deaths, 218.
Adana—				
Adana.....	Nov. 17-Dec. 2.....	2	2	
Aleppo—				
Aleppo.....	Nov. 24-Dec. 2.....	3	3	
Alexandretta.....	do.....	3	2	
Angora—				
Angora.....	Nov. 24-Dec. 11.....	29	23	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 27, 1912, to May 23, 1913—Continued.

CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Turkey in Asia—Continued.				
Balikesir.....	Nov. 24-Dec. 2.....		1	
Beirut—				
Merdijoun.....	Dec. 3-11.....		15	
Tavariyeh.....	Dec. 13-22.....			Present.
Brusa.....	Nov. 17-Dec. 11.....	26	38	
Castamoni.....	Nov. 17-Dec. 2.....	6	4	
Dierbekir.....	do.....	8	2	
Hedjaz—				
Jedda.....	Nov. 25-Dec. 14.....	395	393	Among returning pilgrims.
Medina.....	Dec. 3-11.....		6	
Mekka.....	Nov. 17-23.....	111	172	Dec. 3-11: Deaths, 3,007.
Ismidt.....	Nov. 17-Dec. 2.....	3	1	
Kartal.....	Dec. 30-Feb. 12.....	9	3	
Khodavendikar—				
Karassi.....	Jan. 30-Feb. 12.....		2	
Mosul.....	Nov. 17-Dec. 2.....		2	
Sinope.....	Dec. 3-11.....	1	4	
Smyrna.....	Nov. 17-Dec. 2.....	3	1	
Syria—				
Haifa.....	Dec. 21.....		1	
Tiberias.....	Dec. 3-25.....	129	68	
Tarsus.....	Nov. 24-Dec. 2.....	2	1	
Turkey in Europe:				
Constantinople.....	Dec. 3-Jan. 28.....	1,598	787	Total, Nov. 5-Jan. 28: Cases, 2,515; deaths, 1,245.
Do.....	Mar. 12-Apr. 28.....	15	5	New outbreak.
Zanzibar.....	Nov. 8-Dec. 21.....	131	130	Total, Aug. 5-Dec. 23: Cases, 943; deaths, 912, including previous reports from Mwera, Chwaka, and Mokoton. Chwaka district, Oct. 4-Dec. 31, 332 cases, not included in previous reports.
At sea.....				Nov. 18-20: 1 fatal case on s. s. Bosnian, en route from Constantinople to Odessa.

YELLOW FEVER.

Brazil:				
Bahia.....	Jan. 24-Apr. 5.....	16	8	
Manaos.....	Jan. 5-Apr. 19.....	23	23	
Para.....				May 10, 1 fatal case.
Pernambuco.....				Year 1912: Deaths, 41.
British Gold Coast:				
Akkra.....	Mar. 22.....			Present. Apr. 26 free.
Ecuador:				
Agua Piedra.....	Dec. 1-31.....	7	4	
Do.....	Jan. 1-Mar. 31.....	10	6	
Bucay.....	Nov. 15-Dec. 31.....	3	2	
Do.....	Jan. 1-Mar. 31.....	4	2	
Duran.....	Nov. 1-Dec. 31.....	3	3	
Do.....	Jan. 1-Mar. 31.....	15	9	
Guayaquil.....	Nov. 1-Dec. 31.....	25	16	
Do.....	Jan. 1-Mar. 31.....	120	64	Apr. 1-30 in Guayaquil and vicinity: Cases, 50; deaths, 22.
Milagro.....	Nov. 1-Dec. 31.....	2	2	
Do.....	Jan. 1-Feb. 28.....	19	11	
Naranjito.....	Nov. 1-Dec. 31.....	3	2	
Do.....	Jan. 1-Mar. 31.....	19	10	
Mexico:				
Merida.....	Apr. 2-10.....	1	1	From Campeche.
Senegal:				
Dakar.....	Dec. 7.....			Present.
Venezuela:				
Caracas.....	Nov. 1-Dec. 31.....	9	2	In September 2 deaths and in October 1 death not previously reported. Feb. 7, 1 case.
Do.....	Jan. 1-31.....	2		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.**Reports Received from Dec. 27, 1912, to May 23, 1913—Continued.****PLAGUE.**

Places.	Date.	Cases.	Deaths.	Remarks.
Afghanistan:				
Tchebel-Bagdareh.....	Sept. 1-30.....			And vicinity, 100 deaths daily. Present to Oct. 29.
Arabia:				
Aden.....	Apr. 9-28.....	17	11	
Oran—				
Debai.....	Feb. 16.....			Present.
Argentina:				
Rosario.....	Jan. 4.....	4	1	Endemic.
Brazil:				
Bahia.....	Jan. 12-Apr. 5.....	20	8	
Pernambuco.....	Nov. 1-Jan. 31.....		11	Year 1912: Deaths, 20.
Rio de Janeiro.....	Nov. 3-Mar. 1.....	24	9	Year 1912: Cases, 21. Mar. 22 cases in isolation hospital.
Santos.....	Dec. 1.....	2	2	
British East Africa	Jan. 14-Feb. 26.....		17	
Dagoretti.....	Jan. 14-Feb. 5.....	1		
Khambu.....	Nov. 16-Dec. 8.....	2		
Kisumu.....	Dec. 8-28.....	7		
Do.....	Jan. 14-Feb. 26.....	7		
Mombasa.....	Oct. 1-Dec. 25.....	16	12	Free Nov. 18.
Do.....	Feb. 6-26.....	5		
Nairobi.....	Nov. 16-Feb. 26.....	12	1	
Canary Islands:				
Teneriffe—				
Santa Cruz.....	Feb. 21-27.....		5	
Chile:				
Antofagasta.....	Feb. 12.....			Present.
Iquique.....	Jan. 8-Mar. 8.....	11	5	
Taltal.....	Oct. 22-28.....	3		
China:				
Amoy.....	Jan. 17-Apr. 15.....			Few sporadic cases. Pneumonic form present and in vicinity.
Hai An.....	Mar. 8.....			Present in pneumonic form in 2 localities in vicinity about 48 miles from Amoy.
Hoihow.....	Nov. 1-30.....			Present.
Kulangsu.....	Jan. 17.....	3		International settlement of Amoy.
Hongkong.....	Jan. 12-Mar. 29.....	15	15	Total January to September, 1912: Cases, 1,848; deaths, 1,728. May 14, still present.
Manchuria.....	Dec. 14.....			Present along the railway between Harbin and Chang-Chun.
Pakhoi.....	Dec. 1-31.....	30		Feb. 1, from 10 to 12 deaths daily.
Shanghai.....	Nov. 18-Dec. 15.....		2	Dec. 18, present in vicinity of the French settlement. Total 1912: Cases, 9, among natives.
Do.....	Mar. 31-Apr. 6.....		1	
Swatow.....	Apr. 3.....			Present, and Jan. 9 present in vicinity.
Colombia:				
Santa Marta.....	Apr. 11.....			Epidemic at the barracks.
Dutch East Indies.				Total Jan. 1-Feb. 28: Cases, 1,094; deaths, 1,039.
Java—				
Kediri.....	Oct. 6-Dec. 31.....	406	377	
Do.....	Jan. 1-Feb. 28.....	320	287	
Madioen.....	Oct. 6-Jan. 1.....	98	96	
Do.....	Jan. 1-Feb. 28.....	156	146	
Malang.....				Total, year 1912: Cases, 1,477; deaths, 1,406, among natives, including Pasoeroean Residency.
Do.....	Jan. 1-Feb. 28.....	586	575	
Surabaya.....	Oct. 6-Jan. 4.....	43	43	
Do.....	Jan. 1-Feb. 28.....	32	31	
Ecuador:				
Duran.....	Nov. 1-Dec. 31.....	4	1	
Do.....	Jan. 1-Mar. 31.....	9	6	
Guayaquil.....	Nov. 1-Dec. 31.....	139	52	
Do.....	Jan. 1-Mar. 31.....	139	75	And vicinity, Jan. 1-Feb. 24: Cases, 123; deaths, 61. Apr. 1-30, in Guayaquil and vicinity: Cases, 19; deaths, 6.
Milagro.....	Dec. 1-31.....	8	1	
Do.....	Jan. 1-Mar. 31.....	10	2	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.**Reports Received from Dec. 27, 1912, to May 23, 1913—Continued.****PLAGUE—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
Egypt.....				Total Jan. 1-Dec. 31, 1912: Cases, 884; deaths, 441. Jan. 1-Apr. 23, 1913: Cases, 272; deaths, 139.
Alexandria.....	Mar. 2-Apr. 23.....	41	28	
Cairo.....	Dec. 30.....	1	1	
Port Said.....	Dec. 29.....	1	1	
Do.....	Jan. 1-Mar. 5.....	4	2	
Provinces—				
Assiout.....	Jan. 22-Apr. 21.....	33	30	
Behera.....	Nov. 29-Dec. 12.....	2	1	
Do.....	Mar. 10-Apr. 8.....	5	5	
Benisouef.....	Jan. 22-Mar. 6.....	6	4	
Charkieh.....	Nov. 29-Dec. 12.....	3	2	
Do.....	Jan. 2-Mar. 22.....	16	7	
Fayoum.....	Jan. 19-Apr. 18.....	37	16	
Galioubeh.....	Jan. 1-Apr. 23.....	4	2	
Garbieh.....	do.....	7	2	
Do.....	Nov. 23-Dec. 17.....	3	—	
Girgeh.....	Jan. 1-Apr. 14.....	2	2	
Do.....	Dec. 21-25.....	1	1	
Gizeh.....	Jan. 1-Apr. 21.....	21	5	
Kench.....	Apr. 15.....	1	—	
Menouf.....	Jan. 1-Apr. 24.....	46	22	
Do.....	Oct. 1-Dec. 31.....	13	7	
Minieh.....	Nov. 28-Dec. 29.....	7	4	
Do.....	Jan. 23-Apr. 23.....	34	7	
Sohag.....	Apr. 4.....	15	6	
Hawaii:				
Honokaa.....	May 2.....	1	1	
Kukuihaele.....	Jan. 11-31.....	2	2	
Paauhau.....	May 8.....	1	—	
India:				
Bombay.....	Nov. 17-Apr. 12.....	1,127	845	
Calcutta.....	Nov. 9-Mar. 22.....	—	151	
Madras.....	Dec. 29-Jan. 4.....	1	1	
Karachi.....	Nov. 19-Dec. 28.....	14	13	
Do.....	Mar. 2-Apr. 12.....	48	39	
Rangoon.....	Oct. 1-Nov. 30.....	68	68	
Do.....	Dec. 29-Mar. 1.....	205	199	
Provinces.....				Total, Oct. 27-Dec. 28: Cases, 25,212; deaths, 19,863.
Delhi.....	Oct. 27-Dec. 28.....	31	1	
Bombay.....	do.....	6,785	5,121	
Madras.....	do.....	1,833	1,337	
Bengal.....	do.....	60	59	
Bihar and Orissa.....	do.....	1,269	1,025	
United Provinces.....	do.....	7,844	6,001	
Punjab.....	do.....	952	709	
Burma.....	do.....	95	85	
Central Provinces.....	do.....	404	301	
Mysore.....	do.....	1,506	1,114	
Hyderabad.....	do.....	1,498	1,212	
Central India.....	do.....	70	60	
Rajputana.....	do.....	2,862	2,824	
Kashmir.....	do.....	3	1	
Provinces.....				Total, Dec. 29-Mar. 1: Cases, 48,748; deaths, 40,318.
Delhi.....	Dec. 29-Mar. 1.....	49	37	
Bombay.....	do.....	4,523	3,408	
Madras.....	do.....	1,923	1,415	
Bengal.....	do.....	96	92	
Bihar and Orissa.....	do.....	9,257	7,336	
United Provinces.....	do.....	25,540	21,843	
Punjab.....	do.....	2,476	2,031	
Burma.....	do.....	1,173	1,055	
Central Provinces.....	do.....	324	239	
Mysore.....	do.....	1,425	1,072	
Hyderabad.....	do.....	1,008	831	
Central India.....	do.....	18	12	
Rajputana.....	do.....	921	882	
Kashmir.....	do.....	14	4	
Northwest Provinces.....	Dec. 29-Feb. 1.....	1	1	
Indo-China: Saigon.....	Aug. 20-Dec. 16.....	58	36	
Japan:				
Taiwan (Formosa).....				Total, year 1912: Cases, 223; deaths, 185.
Kagi.....	Mar. 18-24.....	41	18	Apr. 2, 10 cases.
Mauritius.....	Oct. 11-Feb. 6.....	253	165	Feb. 27, 1 case.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.**Reports Received from Dec. 27, 1912, to May 23, 1913—Continued.****PLAGUE—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
Morocco: Rabat.....	Nov. 1.....	3	.....	Among the military.
New Caledonia: Numea.....	Sept. 17-Dec. 2....	62	32	7 cases with 2 deaths among Europeans.
Persia: Bushir.....	Apr. 13-19.....	13	12	
Peru:				
Departments—				
Ancachs.....	July 1-31.....	4	.....	
Do.....	Aug. 1-31.....	4	3	
Arequipa.....	July 1-Aug. 31....	12	5	Mollendo, Nov. 17-Apr. 12: Cases, 18; deaths, 9.
Callao.....	July 1-31.....	1	1	Present in September; Dec. 2-Jan. 12: Cases, 7.
Ferrenaje.....	Dec. 23-Jan. 12....	1	.....	
Ica.....	do.....	1	.....	
Lambayeque.....	Dec. 2-22.....	7	.....	Present in September.
Jayanca.....	do.....	.....	.....	Present.
Libertad.....	July 1-Aug. 31....	20	9	Huamachuco, Mar. 25, present; Trujillo, Mar. 25, 15 cases in the lazaretto.
Cosma.....	Dec. 2-22.....	.....	.....	Present.
Paijan.....	do.....	.....	.....	Do.
Salaverry.....	Dec. 23-Jan. 12....	1	.....	
San Pedro.....	Dec. 2-Jan. 12....	27	.....	
Trujillo.....	do.....	44	.....	
Lima.....	July 1-31.....	3	2	
Do.....	Aug. 1-31.....	4	2	Dec. 2-22: Cases, 2.
Piura—				
Catacaos.....	Dec. 2-Jan. 12....	.....	.....	Present.
Paíta.....	do.....	.....	.....	Do.
Piura.....	Dec. 23-Jan. 12....	.....	.....	Do.
Sulanna.....	Dec. 2-22.....	.....	.....	Do.
Philippine Islands:				
Manila.....	Nov. 10-Mar. 29....	18	14	
Provinces.....				Third quarter, 1912: Cases, 8; deaths, 7. Fourth quarter, 1912: Cases, 39; deaths, 33. Jan. 1-Mar. 8: Cases, 5; deaths, 5.
Russia:				
Don, territory.....	Nov. 1-Jan. 12....	.....	.....	In 6 localities: 38 cases, with deaths.
Hutor Popova (estate).....	Nov. 1-15.....	20	12	Esaul district.
Libau.....	Mar. 1-31.....	.....	1	
Moscow.....	Dec. 29-Jan. 11....	3	1	
Transbaikal district—				
Verneudinsk.....	Oct. 18-28.....	3	3	Near Nerchinsk.
Trans-Caspian Ter., Merv.....	Dec. 9-21.....	29	29	Pneumonic.
Siam: Bangkok.....	Jan. 5-Mar. 22....	.....	27	
Turkey in Asia: Jiddah.....	Mar. 10-Apr. 26....	26	23	

SMALLPOX.

Arabia: Aden.....	Jan. 14-Apr. 21....	13	2	
Abyssinia: Adis Ababa.....	Nov. 24-Dec. 21....	.....	.....	Present.
Algeria:				
Departments—				
Algiers.....	Oct. 1-31.....	11	.....	
Constantine.....	do.....	11	.....	
Do.....	Feb. 1-28.....	12	.....	
Oran.....	Oct. 1-Dec. 31....	170	10	
Do.....	Jan. 1-Feb. 28....	25	5	
Argentina:				
Buenos Aires.....	Nov. 1-Dec. 31....	.....	7	
Do.....	Feb. 1-28.....	.....	2	
Australia:				
Darwin.....	Feb. 12.....	.....	.....	1 case in quarantine from s. s. Eastern en route from Japan to Sydney.
Austria-Hungary:				
Bohemia.....	Apr. 13-19.....	2	.....	
Dalmatia.....	Feb. 9-15.....	1	.....	
Galicia.....	Nov. 10-Dec. 7....	3	.....	
Do.....	Apr. 15-21.....	1	.....	
Fiume.....	Jan. 14-Apr. 24....	7	1	
Moravia.....	Jan. 17-Apr. 21....	3	.....	
Trieste.....	Dec. 8-Apr. 21....	55	.....	Returning travelers.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from Dec. 27, 1912, to May 23, 1913—Continued.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Belgium: Antwerp.....	Mar. 24-31.....	1	.....	
Brazil:				
Para.....	Dec. 8-Feb. 1.....	2	.....	
Pernambuco.....	Nov. 1-Mar. 31.....	.....	185	Year 1912: Deaths, 762.
Rio de Janeiro.....	Nov. 3-Apr. 12.....	82	21	
British Columbia: Vancouver..	Feb. 2-Mar. 1.....	2	.....	
British East Africa:				
Mombasa.....	Dec. 1-31.....	17	10	
Do.....	Feb. 1-28.....	16	3	
Canada:				
Provinces—				
British Columbia—				
Fernie.....	Feb. 23-Mar. 1.....	12	.....	Apr. 22, 1 case in vicinity.
Vancouver.....	Apr. 13-19.....	1	.....	
Manitoba—				
Winnipeg.....	Mar. 30-Apr. 19.....	11	.....	
Ontario—				
Cornwall.....	Mar. 16-22.....	2	.....	
Fort William.....	Mar. 31-Apr. 16.....	4	.....	
Hamilton.....	Jan. 1-Mar. 31.....	60	.....	
Niagara Falls.....	Feb. 1-Apr. 21.....	21	.....	
Ottawa.....	Jan. 4-May 8.....	45	.....	
Port Arthur.....	Mar. 16.....	1	.....	
Toronto.....	Dec. 1-May 3.....	23	.....	
Windsor.....	Feb. 9-Apr. 26.....	12	.....	
Quebec—				
Montreal.....	Dec. 15-May 10.....	172	1	
Quebec.....	do.....	35	.....	
St. Johns.....	Jan. 12-Apr. 26.....	25	1	
Chile:				
Punta Arenas.....	Oct. 31-Nov. 30.....	3	.....	Oct. 31, 1 case in vicinity.
Do.....	Jan. 1-31.....	1	.....	
China:				
Amoy.....	Mar. 15.....	.....	1	Jan. 4-Apr. 5, present. Apr. 5, present. Epidemic; 2 days' journey from Amoy. Present.
Kulangsu.....	Jan. 12-Feb. 29.....	1	1	
An Kho.....	Jan. 4.....	.....	.....	
Chungking.....	Nov. 3-Jan. 22.....	.....	.....	
Dalny.....	Jan. 12-18.....	1	1	
Hankow.....	Dec. 29-Jan. 4.....	1	.....	
Harbin.....	Dec. 1-31.....	6	.....	
Do.....	Jan. 17-Feb. 13.....	2	.....	
Hoihow.....	Jan. 3.....	.....	.....	Do.
Hongkong.....	Nov. 24-Mar. 29.....	75	52	Do. Deaths among natives. Year 1912: Cases, 144.
Nanking.....	Dec. 7-Mar. 8.....	.....	.....	
Shanghai.....	Nov. 18-Apr. 6.....	50	171	
Tientsin.....	Nov. 17-Apr. 12.....	9	18	
Costa Rica: Limon.....	Feb. 1.....	2	2	
Dutch East Indies:				
Java—				
Batavia.....	Nov. 9-Mar. 15.....	42	12	Jan. 5-11, 10 cases, with 5 deaths in the district, mainly in Samarang.
Samarang.....	Oct. 4-24.....	57	23	
Do.....	Jan. 5-Mar. 15.....	906	202	
Surabaya.....	Mar. 16-29.....	2	1	
Egypt:				
Alexandria.....	Dec. 9-Apr. 22.....	53	13	
Cairo.....	Nov. 12-Apr. 1.....	29	6	
Port Said.....	Dec. 3-31.....	1	1	
France:				
Marseille.....	Nov. 1-Mar. 31.....	.....	23	
Nantes.....	Jan. 5-Mar. 31.....	8	.....	
Nice.....	Feb. 1-28.....	2	.....	
Paris.....	Dec. 1-Apr. 26.....	50	1	
Germany.....				Total: Nov. 24-30, 5 cases not included in report, p. 2231, vol. xxvii; Dec. 1-Apr. 26, 60 cases.
Breslau.....	Jan. 19-25.....	1	.....	
Hamburg.....	Jan. 10-Mar. 29.....	4	.....	
Kehl.....	Feb. 1-28.....	.....	1	
Gibraltar.....	Dec. 9-Mar. 16.....	3	1	
Great Britain:				
Hull.....	Mar. 8-Apr. 1.....	5	.....	
Liverpool.....	Jan. 1-Apr. 26.....	4	1	
Newcastle on Tyne.....	Feb. 9-15.....	15	.....	
Sheffield.....	Feb. 26-Mar. 2.....	1	.....	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.**Reports Received from Dec. 27, 1912, to May 23, 1913—Continued.****SMALLPOX—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
Greece:				
Athens.....	Feb. 10-Apr. 5....	1	3	Epidemic.
Patras.....	Mar. 3-Apr. 27....		38	
Piræus.....	Jan. 1-31.....	16		
Hawaii: Paauhau.....	May 2.....	1		
Honduras: Trujillo.....	Feb. 2-8.....	1		
India:				
Bombay.....	Nov. 17-Apr. 12....	219	91	
Calcutta.....	Dec. 1-Mar. 8.....		27	
Karachi.....	Dec. 1-Apr. 12....	70	23	
Madras.....	Dec. 1-Mar. 22....	45	10	
Rangoon.....	Oct. 1-Feb. 22....	55	15	
Indo-China: Saigon.....	Aug. 20-Dec. 23....	3	3	
Italy:				
Leghorn.....				Year 1912; Cases, 315; deaths, 19.
Naples.....	Mar. 16-29.....	4	1	
Palermo.....	Dec. 15-Apr. 12....	40		
Turin.....	Feb. 3-Mar. 2.....	5		
Japan				Total, year 1912: Cases, 14; deaths, 1.
Hokkaido.....	Jan. 1-31.....	1		Year 1912: Cases, 4.
Nagasaki.....	Nov. 1-Apr. 20....	5	2	
Taiwan (Formosa).....				
Kangawaken.....	Jan. 1-31.....	1		
Yokohama.....				Jan. 1-13, 2 cases from s. s. Pera from London via ports.
Malta	Feb. 1-28.....	1		
Mexico.				Feb. 16: Cases, 1,500 to 2,000, with 10 per cent of deaths, mainly along the western coast. Jan. 30-Feb. 16: Present in Aguierrre, Cajame, Corral, Esperanza, Navojca, Puga, and Tarin.
Agascalientes.....	Dec. 9-Apr. 27.....		46	
Chihuahua.....	Dec. 9-Apr. 13....		24	
Durango.....	Dec. 1-Mar. 31....		157	
Guadalajara.....	Jan. 5-Apr. 26....	29	3	
Hermosillo.....	Feb. 16-May 3.....	16		
Juarez.....	Mar. 1-29.....	2		
Manzanillo.....	May 7.....			2 cases among troops.
Mazatlan.....	Jan. 1-7.....	2		
Mexico.....	Nov. 17-Mar. 8....	118	43	
Monterey.....	Mar. 24-Apr. 20....		5	
Salina Cruz.....	Nov. 17-Apr. 19....	15	6	
San Luis Potosi.....	Sept. 15-Mar. 15....	9	3	
Sonora—				
Agua Zarca.....	Jan. 30.....	2		
Nogales.....	do.....	1		
Tamaulipas, State.....	Apr. 16.....			Epidemic in Chamal, 100 miles north of Tampico.
Veracruz.....	Jan. 26-Apr. 5....	13	1	1 case imported from Pasco del Macho. Apr. 13-May 3: Cases, 28; deaths, 4.
Netherlands: Rotterdam	Dec. 22-23.....		1	
Newfoundland: St. Johns	Feb. 23-May 3....	11		
Peru:				
Callao.....	Sept. 1-14.....			Present.
Lima.....	do.....			Do.
Mollendo.....	Nov. 24-Dec. 7....	5	1	
Salaverry.....	Dec. 4-11.....	1		
Philippine Islands: Manila	Dec. 21.....			1 case removed from s. s. Maulban to the San Lazaro Hospital. Third quarter, 1912: Cases, 9; deaths, 0. Fourth quarter, 1912: Cases, 16; deaths, 0.
Portugal: Lisbon	Dec. 1-Apr. 26....	52		
Roumania.				Total, Oct. 1-31: Cases, 6.
Russia:				
Batoum.....	Dec. 1-31.....	1		
Libau.....	Dec. 16-Apr. 20....	5		
Moscow.....	Dec. 8-Apr. 12....	43	10	
Odessa.....	Nov. 17-Apr. 12....	9	3	
St. Petersburg.....	Nov. 24-Apr. 12....	126	18	
Warsaw.....	Sept. 22-Feb. 1....	43	40	
Riga.....	Dec. 1-31.....	1		
Siberia—				
Omsk.....	Jan. 1-27.....	7		
Vladivostok.....	Dec. 15-28.....	4	1	
Do.....	Jan. 1-13.....	4		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.**Reports Received from Dec. 27, 1912, to May 23, 1913—Continued.****SMALLPOX—Continued.**

Places.	Date.	Cases.	Deaths.	Remarks.
Servia: Belgrade.....	Dec. 22-28.....	2	.....	
Siam: Bangkok.....	Nov. 10-Mar. 22.....		11	
Spain:				
Almeria.....	Dec. 1-31.....		40	No longer epidemic.
Do.....	Jan. 1-Mar. 31.....		22	
Barcelona.....	Dec. 1-May 3.....		204	
Cadiz.....	Nov. 1-Dec. 31.....		7	
Do.....	Feb. 1-Mar. 31.....		2	
Madrid.....	Nov. 1-Dec. 31.....		34	
Do.....	Jan. 1-Mar. 31.....		64	
Malaga.....	Dec. 1-31.....		1	
Seville.....	do.....		27	
Do.....	Jan. 1-Mar. 31.....		27	
Valencia.....	Nov. 14-Apr. 26.....	129	4	
Straits Settlements:				
Singapore.....	Nov. 24-Apr. 5.....	16	5	
Penang.....	Mar. 31-Apr. 5.....	1	.....	
Sweden: Stockholm.....	Oct. 8-21.....	3	.....	
Switzerland:				
Cantons—				
Aargau.....	Dec. 15-Apr. 5.....	7	.....	
Basel.....	Nov. 14-Apr. 19.....	45	.....	
Grisons.....	Dec. 1-Feb. 1.....	15	.....	
Turkey in Asia:				
Beirut.....	Dec. 8-Apr. 12.....	91	14	Present.
Damascus.....	Mar. 8.....		.....	
Mersina.....	Mar. 9-Apr. 20.....	95	45	
Smyrna.....	Nov. 24-Dec. 14.....		5	
Do.....	Jan. 19-Mar. 22.....		11	
Tarsus.....	Apr. 12.....		.....	Do.
Trebizond.....	Mar. 9-15.....		.....	Do.
Turkey in Europe:				
Constantinople.....	Dec. 1-28.....		43	
Do.....	Dec. 29-Apr. 19.....		147	
Union of South Africa: Durban.	Feb. 2-8.....	1	.....	Imported.
Uruguay:				
Montevideo.....	Dec. 1-31.....	3	.....	Last previous case in May, 1912, Feb. 18, present.
Do.....	Jan. 1-Feb. 28.....	3	1	
West Indies:				
Barbados.....	Mar. 8.....	1	.....	From Grenada.
Grenada.....	.....		.....	May 8, 3 cases; in vicinity of St. Georges.
Concord.....	Apr. 23.....	1	.....	
La Filette.....	do.....	1	.....	
Pomme Rose.....	Apr. 17.....	3	.....	
Zanzibar.....	Nov. 8-Feb. 7.....	22	3	